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2 said officiating entity.

1 9. A method according to claim 1, further comprising transmitting said semantic  
2 information to an officiating interface.

1 10. A system comprising: *other reference*  
2 an officiating data unit to generate officiating event data; and  
3 an officiating device to receive said officiating event data.

1 11. The system of claim 10, wherein said officiating data unit comprises a tracking  
2 system to receive input data and generate positional data from said input data.

1 12. The system of claim 11, wherein said officiating data unit comprises:  
2 an event model generator to generate an event model from said positional data;  
3 and  
4 an event model database to store said event model.

1 13. The system of claim 12, wherein said officiating data unit comprises:  
2 an officiating data extractor to query said event model database for officiating  
3 event data; and  
4 an officiating interface to receive said officiating event data and transmit said  
5 officiating event data to said officiating device.

1 14. The system of claim 13, wherein said officiating interface receives officiating  
2 decision data from said officiating device.

1 15. The system of claim 14, wherein said event model includes said officiating

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2 decision data.

1 16. The system of claim 10, further comprising an event animation unit to generate an  
2 animation from said officiating event data. 103

1 17. The system of claim 16, further comprising an officiating interface to receive said  
2 animation and transmit said animation to said officiating device.

1 18. The system of claim 16, wherein said officiating device receives said animation.

1 19. A machine-readable medium having stored thereon data representing sequences  
2 of instructions, said sequences of instructions which, when executed by a processor,  
3 cause said processor to:

4 receive input data of an event;

5 process said input data to generate positional data;

6 generate semantic information based on said positional data; and

7 transmit said semantic information to an officiating entity of said event.

1 20. The machine-readable medium of claim 19, wherein said event is a sporting  
2 event. 1A

1 21. The machine-readable medium of claim 20, wherein said sporting event is a  
2 soccer game. 536 217

1 22. The machine-readable medium of claim 19, wherein said officiating entity is a  
2 referee. 19

1 23. The machine-readable medium of claim 19, wherein said sequences of

2 instructions further cause said processor to:

3 generate an event model from said positional data and said semantic information;

4 and

5 store said event model in an event model database.

1 24. The machine-readable medium of claim 23, wherein said sequences of

2 instructions further cause said processor to query said event model database for

3 officiating event data.

1 25. The machine-readable medium of claim 19, wherein said sequences of

2 instructions further cause said processor to generate an animation based on said positional

3 data.

1 26. The machine-readable medium of claim 25, wherein said sequences of

2 instructions further cause said processor to transmit said animation to said officiating

3 entity.

1 27. The machine-readable medium of claim 19, wherein said sequences of

2 instructions further cause said processor to transmit said semantic information to an

3 officiating interface.

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